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ABSTRACT

Results of a study of periodicals cited in 139 Master's Theses in Education and Specialist in Education Projects written from 1968 through 1976 at West Georgia College are presented. Bibliographic entries total 4,166, of which 2,068 are nonperiodical items. Some 285 periodicals are cited, of which 117 appear only once and 30 others are found in no more than one paper. Journals are listed in Table 1 in citation number order. Table 2 presents a citation breakdown showing that 24.56 percent of the periodicals account for 79.93 percent of the citations. Table 3 shows the number of papers containing citations and Table 4 gives a citation breakdown with each periodical given a value of one if it is cited in a paper one or more times. (Author/SPG)

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Citation Study of Education Master's Theses and Specialist in Education Projects at West Georgia College from 1968 thru 1976

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NATIONAL INSTITUTE OF EDUCATION

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by

William R. Foley

West Georgia College

HE009884

West Georgia College is a coeducational, residential, liberal arts institution located in Carrollton, Georgia. A senior college unit of the University System of Georgia, its enrollment averages about 5,500 students. Graduate degrees offered include the Master of Arts degree with majors in English, history, mathematics, psychology, and sociology; the Master of Science degree with a major in biology; the Master of Business Administration degree; the Master of Education degree with majors in administration and supervision, business education, early childhood education, elementary education, guidance and counseling, junior high education, media, physical education, reading instruction, secondary education, and special education; and the Specialist in Education degree with majors in administration and supervision, business education, early childhood education, elementary education, guidance and counseling, and secondary education.

The West Georgia College Library houses 225,000 volumes, thirteen thousand (13,000) reels of microfilm, and 350,000 pieces of microtext. It is a selective depository for United States Government Documents, and the current periodical subscriptions exceed sixteen hundred (1600).

The holdings in education are extensive. These include about twelve thousand (12,000) monographs; over two hundred (200) magazines and journals; basic indexes, abstracts, and reference works; and the entire ERIC collection.

In January, 1976, the Serials Department of West Georgia College Library began a Periodical Evaluation Project in order to determine whether we had the magazines, journals, and newspapers to meet the needs of our patrons and to ascertain what subscriptions could be eliminated. Any decisions resulting from this undertaking had the following constraints: (1) the stated library policy that "the primary function of the library is to support the academic programs of the college with a collection of materials which is adequate for undergraduate and graduate course work and for sustained independent study," (2) an administrative decision to keep a ceiling on expenditures for serials, and (3) a library budget that had not increased.

The periodicals were divided among four academic librarians according to discipline; e.g., one person was assigned education and psychology. Recordkeeping was to be done on blank 3 x 5 cards for the data on intrinsic evaluation, curriculum evaluation, indexing, citation studies and surveys, and usage.

One aspect of the use study was the examination of Master's Theses and Specialist in Education Projects written at West Georgia College. Information from these papers was recorded on Master's Thesis Forms, which have been separated by discipline. Only the data for education has been put in its final form, and these results are described in this paper.

The Master's Theses in Education and the Specialist in Education Projects cover 1968 through 1976 and number 139. The longest is three hundred (300) pages, while the shortest runs seven (7) pages. Bibliographic entries total 4,166, of which 2,068 are non-periodical items. A periodical in this context is defined as a magazine, journal, or newspaper that is published at least twice a year. Dissertation Abstracts International and Resources in Education have also been included because citations from these sources are acceptable in these papers. Some 285 periodicals are cited, of which 117 appear only once, and thirty (30) others are found in no more than one paper. Sixteen (16) papers have no periodical references.

Table 1 lists the journals in citation number order; that is, a value of one (1) is assigned each time that a bibliographic entry was made for a particular periodical. For example, if six (6) different articles from Personnel and Guidance Journal are listed in one (1) bibliography, then this journal has a citation count of six (6). This method bears out the marketing axiom that 80% of the sales come from 20% of the product line, which Dr. Richard Trueswell has successfully applied to usage studies of library material. Table 2 demonstrates this 80/20 rule; 24.56% of the periodicals account for 79.93% of the citations. This type of citation counting yields a total of 2,098 periodical references in the 285 papers.

I have included Table 3 and Table 4 for those who prefer to weigh a periodical reference as one (1) if the periodical is cited one (1) or more times in one (1) paper. This does lower the number of citations from 2,098 to 981 and appears to reduce the significance of journal literature in education research. Of course, this observation may not be valid, but only an in-depth study of a significant sample of papers could yield a more accurate weighing of periodical citations vis-a-vis non-periodical references. Time and staff constraints precluded this.

Whatever method of citation counting one selects does not significantly change the overall ranking of the journals in this study. However, exceptions are a fact of life, and Community Education Journal proves the point. Although it was cited ninety-seven (97) times, it appears in only one (1) thesis. The importance of such journals as Journal of Educational Research, Journal of Educational Psychology, and Personnel and Guidance Journal shows up on Table 1 and Table 3.

This project does provide the West Georgia College Library with a quantitative aid in collection development, but this data must be used in conjunction with other usage figures that we collect on a daily basis when journals are gathered and shelved. Moreover, usage is not the sole criterion for selection or deselection. The intrinsic value of a journal, the extent of its indexing, and its relation to the curriculum contribute to any decision.

MASTERS THESIS FORM

TITLE

MAJOR PROFESSOR

DEPARTMENT HEAD

DISCIPLINE AND CODE NUMBER

YEAR

PAGES

ITEMS IN BIBLIOGRAPHY

PERIODICALS IN BIBLIOGRAPHY

PERIODICAL TITLES

Table I

NUMBER OF CITATIONS	
155	Personnel and Guidance Journal
121	Journal of Educational Research
97	Community Education Journal
82	Reading Teacher
68	Journal of Educational Psychology
64	School Counselor
57	Elementary School Journal Journal of Counseling Psychology
54	Dissertation Abstracts International
52	Phi Delta Kappan
50	Arithmetic Teacher
46	Clearing House
44	NASSP Bulletin
40	Language Arts Social Education
33	Today's Education
30	Journal of Experimental Psychology
28	Education
26	Education Digest

18

Exceptional Children

17

Instructor
National Elementary Principal

16

Elementary School Guidance and Counseling
Social Studies

15

American Educational Research Journal
Journal of Experimental Education
Journal of Reading
Peabody Journal of Education
School Science and Mathematics

14

Journal of Abnormal Psychology

13

Journal of Applied Behavioral Analysis
Mathematics Teacher
Nation's Schools
Psychological Review

12

American Vocational Journal
High School Journal
Journal of Consulting and Clinical Psychology
Research Quarterly
Science Education

11

Child Development
Intellect
Vocational Guidance Quarterly

10

Educational Technology
Journal of Geography
Perceptual & Motor Skills

9

Counselor Education and Supervision
Journal of Personality & Social Psychology
Psychology Today

8

Educational and Psychological Measurement
Educational Research
English Journal
Journal of Rehabilitation
Journal of Research & Development in Education
Journal of Teacher Education

8

Reading Improvement
Reading Research Quarterly
School Review

7

American Psychologist
Childhood Education
Educational Leadership
Journal of College Student Personnel
Psychological Reports
Saturday Review
Science Teacher
Teacher

6

American Journal of Psychology
Journal of Physical Education & Recreation
Journal of School Psychology
Journal of Secondary Education
National Education Association Research Bulletin
Psychological Bulletin
Review of Educational Research
Sociology of Education

5

American Biology Teacher
American Education
American School Board Journal
Behavior Therapy
British Journal of Educational Psychology
California Journal of Educational Research
Gifted Child Quarterly
Journal of Educational Measurement
Journal of Experimental Child Psychology
Journal of Learning Disabilities
Journal of Research in Science Teaching
Psychology in the Schools
Rehabilitation Counseling Bulletin
Resources in Education
School Executive
School Management
Science & Children
Volta Review

4

Adult Leadership
American Sociological Review
Journal of American History
Journal of Applied Psychology
Journal of Education
Journal of Negro Education
Journal of Psychology
Newnan Times-Herald
Rehabilitation Literature
Vocational Evaluation & Work Adjustment Bulletin

3

Adult Education
American Journal of Orthopsychiatry
Balance Sheet
Behaviour Research & Therapy
British Journal of Psychology
Business Education Forum
Counseling Psychologist
Daedalus
Educational Forum
Educational Record
Genetic Psychology Monographs
Improving College & University Teaching
Journal for Research in Mathematics Education
Journal of Creative Behavior
Journal of Genetic Psychology
Journal of Higher Education
Journal of Home Economics
Journal of Social Issues
Journal of Special Education
Journal of Speech and Hearing Disorders
MH
National Business Education Quarterly
Teachers College Record

2

Advertising Age
American Annals of the Deaf
American Journal of Sociology
Antiques
Atlanta Constitution
Behavioral Science
Business Education World
Changing Education
Contemporary Education
Education & Training of the Mentally Retarded
Educational Research Bulletin
Focus on Guidance
Guidance Clinic
Harper's Magazine
Harvard Business Review
Harvard Educational Review
High Points
History
Industrial Education
Journal of Clinical Psychology
Journal of Communication Disorders
Journal of Marriage and the Family
Journal of Modern History
Journal of Personality
Journal of Reading Behavior
Journal of Research in Personality
Journal of School Health
Journal of Social Psychology
Journal of the Experimental Analysis of Behavior

2

Journal of Verbal Learning and Verbal Bahavior
Mental Retardation
Merrill-Palmer Quarterly
Parents Magazine
Pennsylvania School Journal
Purdue Opinion Panel
Reading Horizons
Saturday Evening Post
Scholastic Teacher
School & Community
School Media Quarterly
Teaching Exceptional Children
Theory Into Practice
Young Children

1

Administrator's Notebook
Adolescence
American Behavioral Scientist
American Business Education
American Journal of Mental Deficiency
American Journal of Occupational Therapy
American Music Teacher
American Personnel and Guidance Journal
American School & University
Archives of General Psychiatry
Archives of Physical Medicine & Rehabilitation
Atlanta Georgia Research and Development Report
Atlanta Journal
Audio-Visual Instructor
Behavior Monographs
Black Scholar
Bulletin de Psychologie
Bulletin of the State Normal School. Duluth. Minnesota
Catholic Educational Review
Child Welfare
Communication Education
Communication Monographs
Counseling and Values
Early Years
Education Age
Education U.S.A.
Educational Administration & Supervision
Educational Outlook
Educational Researcher
Educational Review
Educational Theory
Fayette Chamber of Commerce Newsletter
Foreign Affairs
GAE Update
Georgia Journal of Science
Georgia Magazine
Georgia Pupil Personnel Newsletter
Historian
History Teacher

1

Human Behavior
Humanist
Impact
Integrated Education
International Journal of Mathematical Education in Science and Technology
International Review of Education
Interplay Magazine
Japanese Journal of Psychology
Journal of Adventist Education
Journal of Behavior Therapy and Experimental Psychiatry
Journal of Business Education
Journal of Chemical Education
Journal of Child Psychology and Psychiatry and Allied Disciplines
Journal of College Placement
Journal of Communication
Journal of Comparative and Physiological Psychology
Journal of Consumer Affairs
Journal of Contemporary Business
Journal of Dental Education
Journal of General Education
Journal of Negro History
Journal of Nervous and Mental Disorders
Journal of the National Association for Women Deans, Administrators, and Counselors
Journalism Educator
Journalism Quarterly
Kentucky School Journal
Language Learning
Language, Speech & Hearing Services in Georgia
Learning
Library Journal
Look
Manpower
Maryland State Medical Journal
McCalls
Monthly Labor Review
Music Educator's Journal
NAEP Newsletter
National Labor Review
National Observer
Nation's Schools and Colleges
New Republic
New York University Education Quarterly
New Yorker
North Central Association Quarterly
Ontario Journal of Educational Research
Pennsylvania Education
Physical Educator
Physics Teacher
Political Science Review
Progressive
Psyche Heidelberg

I

Psychological Issues
Psychological Monographs: General and Applied
Psychological Record
PTA Magazine
Public Opinion Quarterly
Quarterly Journal of Experimental Psychology
Reading Newsreport
Reading World
Redbook
Rehabilitation Record
School Activities
School Journal
School Life
Science Digest
Scientific American
Social Research
Sociometry
South Atlantic Quarterly
Southern Review
Teachers College Bulletin on Higher Education
Time
Times Educational Supplement
Training School Bulletin
Urban Review
Viewpoints
Virginia Quarterly Review
Weather
Zygon

Table 2 CITATION BREAKDOWN

# of Periodicals	# of Citations	Cumulated Citations	Cumulated % of Periodicals	Cumulated % of Citations
1-10	807	807	3.51	38.47
11-20	355	1162	7.02	55.39
21-30	155	1317	10.53	62.77
31-40	123	1440	14.04	68.64
41-50	95	1535	17.54	73.16
51-60	77	1612	21.05	76.84
61-70	65	1677	24.56	79.93
71-80	53	1730	28.07	82.46
81-90	50	1780	31.58	84.84
91-100	41	1821	35.09	86.80
101-110	31	1852	38.60	88.27
111-120	30	1882	42.11	89.70
121-130	24	1906	45.61	90.85
131-140	20	1926	49.12	91.80
141-150	20	1946	52.63	92.76
151-160	20	1966	56.14	93.71
161-170	17	1983	59.65	94.52
171-180	10	1993	63.16	95.00
181-190	10	2003	66.67	95.47
191-200	10	2013	70.18	95.95
201-210	10	2023	73.68	96.43
211-220	10	2033	77.19	96.90
221-230	10	2043	80.70	97.38
231-240	10	2053	84.21	97.86
241-250	10	2063	87.72	98.33
251-260	10	2073	91.23	98.81
261-270	10	2083	94.74	99.29
271-280	10	2093	98.25	99.76
281-285	5	2098	100.00	100.00

Table 3 NUMBER OF PAPERS CONTAINING CITATIONS

Journal of Educational Research	57
Journal of Educational Psychology	31
Personnel and Guidance Journal	31
Education	26
Elementary School Journal	23
Reading Teacher	23
Clearing House	22
Phi Delta Kappan	20
School Counselor	19
Language Arts	17
Dissertation Abstracts International	16
Journal of Counseling Psychology	16
Today's Education	16
Education Digest	15
Journal of Experimental Education	15
NASSP Bulletin	15
Social Education	14
Peabody Journal of Education	13
American Educational Research Journal	11
American Vocational Journal	9
Instructor	9
Journal of Consulting and Clinical Psychology	9
Arithmetic Teacher	8
Child Development	8
Intellect	8

8

Journal of Reading
Vocational Guidance Quarterly

7

Educational Leadership
Exceptional Children
High School Journal
Mathematics Teacher
School Review
School Science and Mathematics
Social Studies

6

Counselor Education and Supervision
Educational Technology
Journal of Abnormal Psychology
Nation's Schools
Reading Improvement
Reading Research Quarterly
Science Education
Teacher

5

American Psychologist
British Journal of Educational Psychology
Educational and Psychological Measurement
Educational Research
Elementary School Guidance and Counseling
Journal of Experimental Psychology
Journal of Learning Disabilities
Journal of Personality & Social Psychology
Journal of School Psychology
Journal of Teacher Education
National Elementary Principal
Perceptual & Motor Skills
Psychological Bulletin
Psychological Review
Psychology Today
Review of Educational Research
Sociology of Education

4

California Journal of Educational Research
Childhood Education
English Journal
Journal of Applied Psychology
Journal of College Student Personnel
Journal of Negro Education
Journal of Psychology
Journal of Research & Development in Education
Journal of Research in Science Teaching
Journal of Secondary Education
Psychological Reports
Psychology In The Schools
Saturday Review

4

School Management

3

Adult Education
Adult Leadership
American Education
American Journal of Orthopsychiatry
American Journal of Psychology
American School Board Journal
American Sociological Review
Behaviour Research & Therapy
Business Education Forum
Counseling Psychologist
Educational Forum
Journal of Applied Behavioral Analysis
Journal of Creative Behavior
Journal of Education
Journal of Educational Measurement
Journal of Genetic Psychology
Journal of Social Issues
MH
National Education Association Research Bulletin
Research Quarterly
School Executive
Science Teacher
Teachers College Record

2

Advertising Age
American Annals of the Deaf
American Biology Teacher
American Journal of Sociology
Atlanta Constitution
Balance Sheet
Behavioral Science
Business Education World
Changing Education
Daedalus
Education & Training of the Mentally Retarded
Educational Record
Educational Research Bulletin
Genetic Psychology Monographs
Harper's Magazine
Harvard Business Review
Harvard Educational Review
High Points
Journal of American History
Journal of Clinical Psychology
Journal of Experimental Child Psychology
Journal of Higher Education
Journal of Personality
Journal of Reading Behavior
Journal of Research in Personality
Journal of School Health
Journal of Social Psychology

2

Journal of Special Education
Journal of Verbal Learning and Verbal Behavior
Merrill-Palmer Quarterly
Newnan Times-Herald
Parents Magazine
Pennsylvania School Journal
Reading Horizons
Saturday Evening Post
Scholastic Teacher
School & Community
Science & Children
Teaching Exceptional Children
Theory Into Practice
Volta Review

1

Administrator's Notebook
Adolescence
American Behavioral Scientist
American Business Education
American Journal of Mental Deficiency
American Journal of Occupational Therapy
American Music Teacher
American Personnel and Guidance Journal
American School & University
Antiques
Archives of General Psychiatry
Archives of Physical Medicine & Rehabilitation
Atlanta Georgia Research and Development Report
Atlanta Journal
Audio-Visual Instructor
Behavior Monographs
Behavior Therapy
Black Scholar
British Journal of Psychology
Bulletin de Psychologie
Bulletin of the State Normal School. Duluth. Minnesota
Catholic Educational Review
Child Welfare
Communication Education
Communication Monographs
Community Education Journal
Contemporary Education
Counseling and Values
Early Years
Education Age
Education USA
Educational Administration & Supervision
Educational Outlook
Educational Researcher
Educational Review
Educational Theory
Fayette Chamber of Commerce Newsletter
Focus on Guidance
Foreign Affairs

1

GAE Update
Georgia Journal of Science
Georgia Magazine
Georgia Pupil Personnel Newsletter
Gifted Child Quarterly
Guidance Clinic
Historian
History
History Teacher
Human Behavior
Humanist
Impact
Improving College and University Teaching
Industrial Education
Integrated Education
International Journal of Mathematical Education in Science and Technology
International Review of Education
Interplay Magazine
Japanese Journal of Psychology
Journal for Research in Mathematics Education
Journal of Adventist Education
Journal of Behavior Therapy and Experimental Psychiatry
Journal of Business Education
Journal of Chemical Education
Journal of Child Psychology and Psychiatry and Allied Disciplines
Journal of College Placement
Journal of Communication
Journal of Communication Disorders
Journal of Comparative and Physiological Psychology
Journal of Consumer Affairs
Journal of Contemporary Business
Journal of Dental Education
Journal of General Education
Journal of Geography
Journal of Home Economics
Journal of Marriage and the Family
Journal of Modern History
Journal of Negro History
Journal of Nervous and Mental Disorders
Journal of Physical Education and Recreation
Journal of Rehabilitation
Journal of Speech and Hearing Disorders
Journal of the Experimental Analysis of Behavior
Journal of the National Association for Women Deans, Administrators, and Counselors
Journalism Educator
Journalism Quarterly
Kentucky School Journal
Language Learning
Language, Speech and Hearing Services in Schools
Learning
Library Journal
Look

1

Manpower
Maryland State Medical Journal
McCalls
Mental Retardation
Monthly Labor Review
Music Educator's Journal
NAEP Newsletter
National Business Education Quarterly
National Labor Review
National Observer
Nation's Schools and Colleges
New Republic
New York University Education Quarterly
New Yorker
North Central Association Quarterly
Ontario Journal of Educational Research
Pennsylvania Education
Physical Educator
Physics Teacher
Political Science Review
Progressive
Psyche Heidelberg
Psychological Issues
Psychological Monographs: General & Applied
Psychological Record
PTA Magazine
Public Opinion Quarterly
Purdue Opinion Panel
Quarterly Journal of Experimental Psychology
Reading Newsreport
Reading World
Redbook
Rehabilitation Counseling Bulletin
Rehabilitation Literature
Rehabilitation Record
Resources in Education
School Activities
School Journal
School Life
School Media Quarterly
Science Digest
Scientific American
Social Research
Sociometry
South Atlantic Quarterly
Southern Review
Teachers College Bulletin on Higher Education
Time
Times Educational Supplement
Training School Bulletin
Urban Review
Viewpoints
Virginia Quarterly Review

1
Vocational Evaluation and Work Adjustment Bulletin
Weather
Young Children
Zygon

Table 4

CITATION BREAKDOWN WITH EACH PERIODICAL GIVEN A VALUE OF ONE (1) IF IT IS CITED IN A PAPER ONE (1) OR MORE TIMES

# of Periodicals	# of Citations	Cumulated Citations	Cumulated % of Periodicals	Cumulated % of Citations
1-10	246	246	3.51	25.08
11-20	140	386	7.02	39.35
21-30	79	465	10.53	47.40
31-40	64	529	14.04	53.92
41-50	52	581	17.54	59.23
51-60	49	630	21.05	64.22
61-70	40	670	24.56	68.30
71-80	33	703	28.07	71.66
81-90	30	733	31.58	74.72
91-100	26	759	35.09	77.37
101-110	20	779	38.60	79.41
111-120	20	799	42.11	81.45
121-130	20	819	45.61	83.49
131-140	17	836	49.12	85.22
141-150	10	846	52.63	86.24
151-160	10	856	56.14	87.26
161-170	10	866	59.65	88.28
171-180	10	876	63.16	89.30
181-190	10	886	66.67	90.32
191-200	10	896	70.18	91.34
201-210	10	906	73.68	92.35
211-220	10	916	77.19	93.37
221-230	10	926	80.70	94.39
231-240	10	936	84.21	95.41
241-250	10	946	87.72	96.43
251-260	10	956	91.23	97.45
261-270	10	966	94.74	98.47
271-280	10	976	98.25	99.49
281-285	5	981	100.00	100.00